



DROUGHT UPDATE

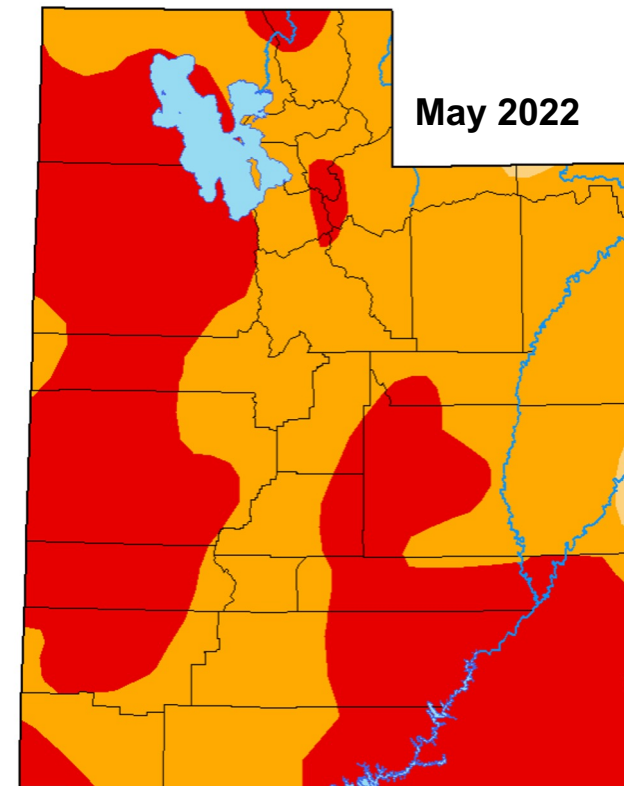
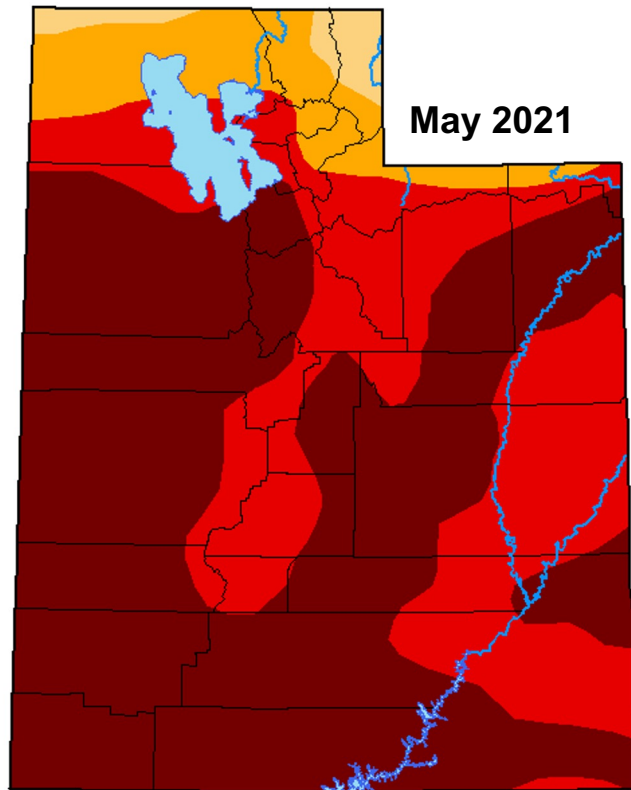
DIVISIONS



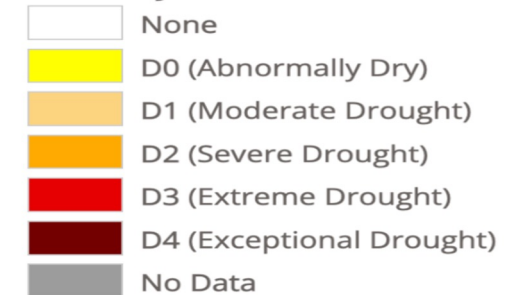
OFFICES



U.S. Drought Monitor Map



Intensity



90% in “Extreme” and 58% in “Exceptional”
“Exceptional” drought is expected to occur
only once every 100 years

99.47% in “Severe” or “Extreme”

Current Drought Conditions (as of 5-17-22)

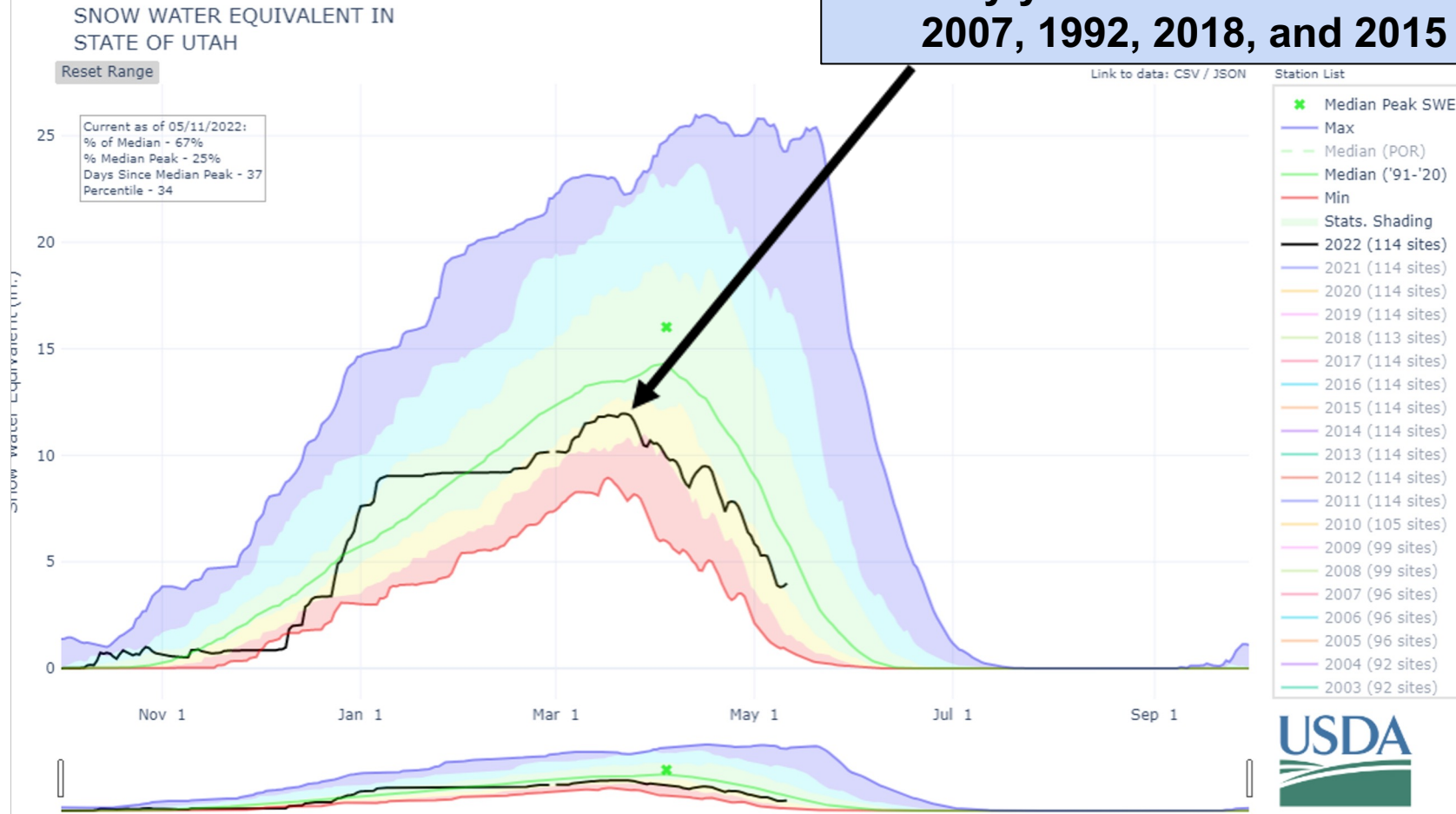
- Peak snowpack was **25% below normal**; peaked 2 weeks early
- Statewide snow water equivalent was 12 inches (*16 inches is typical*)
- 48% of streams are flowing **below or much below** normal
- Runoff forecasts are low



SWE Graph

This year's peak snowpack:

- 12.0"
- March 22nd (2 weeks early)
- Ranks 36th (out of 42 years since SNOTEL started)
- only years that were worse: 2013, 2021, 2007, 1992, 2018, and 2015





JORDANELLE RESERVOIR LEVEL COMPARISON

AUGUST 2019

APRIL 2022



STORAGE PREVENTS SHORTAGES

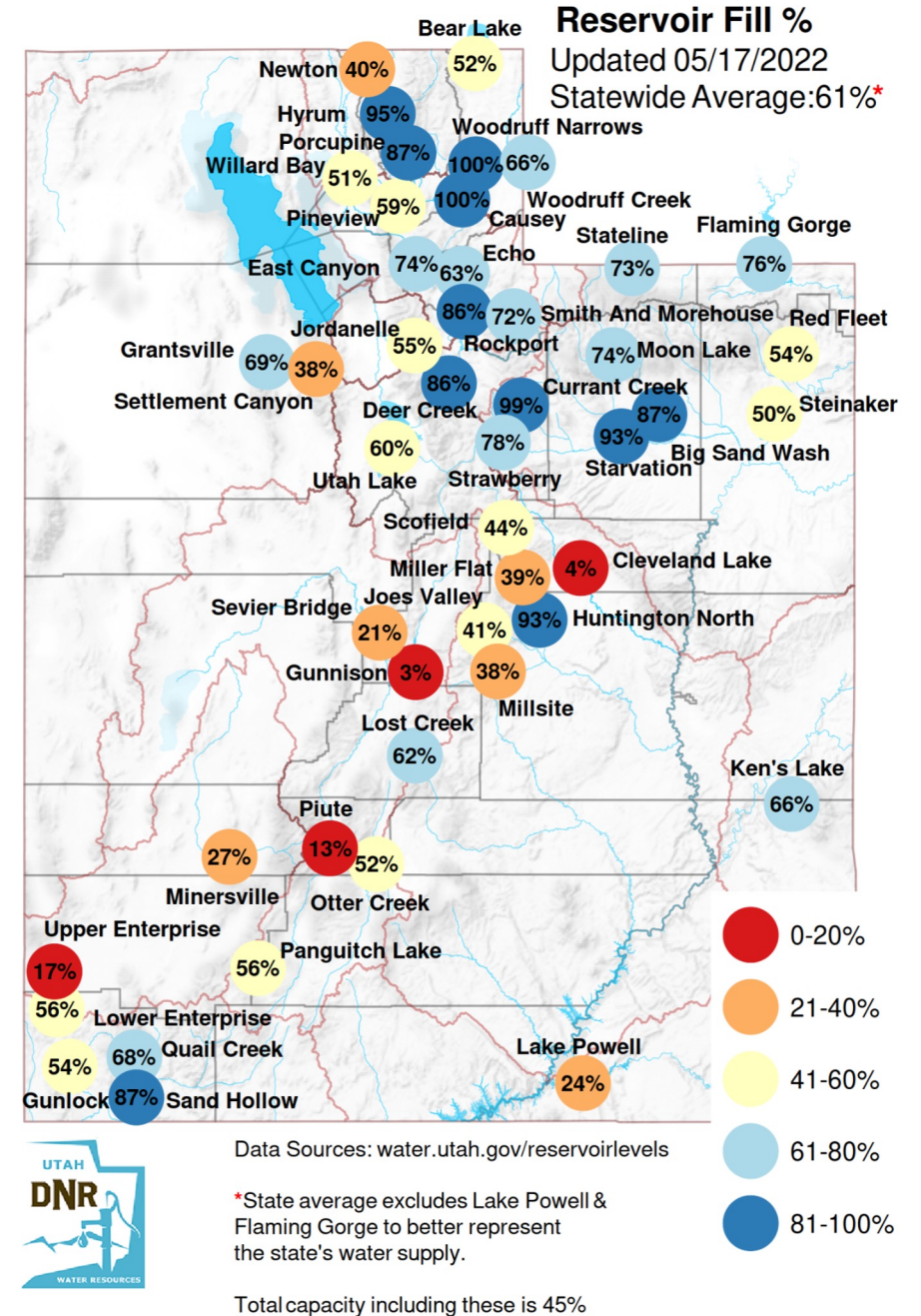
About **95%** of Utah's water comes from snowpack. Reservoirs collect and store spring runoff for drinking and irrigation and provide minimum flows for fish health.

Reservoir Levels

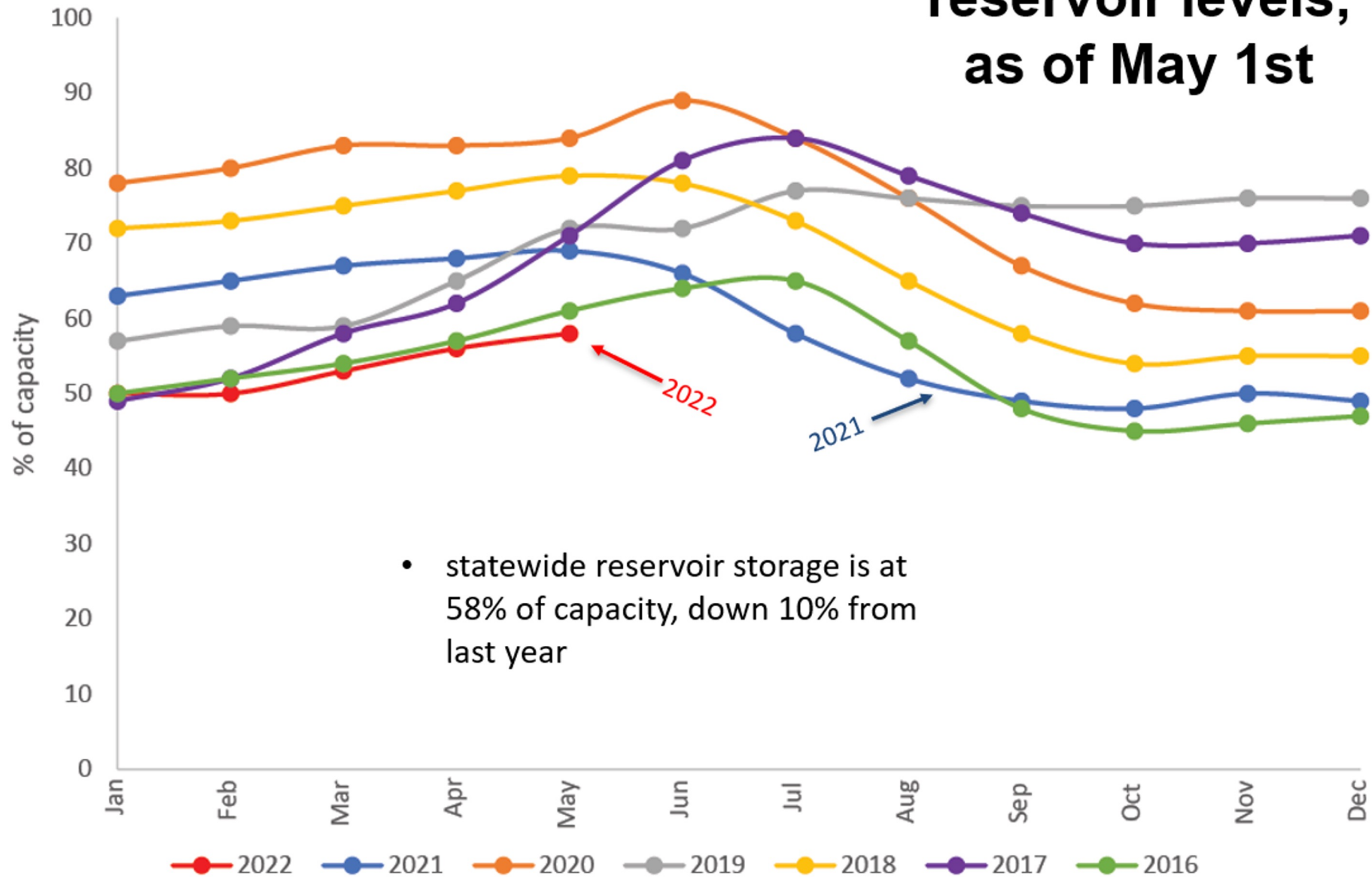
- Statewide storage is 61% of capacity. This time last year, reservoirs were about 67% of capacity
- Conditions vary throughout the state
- Reservoirs vary in size – some storing a year's worth of water and some storing multiple year's
- This water is used for drinking water, irrigation water for farms and ranches, and provides minimum flows essential for fish health depending on the area



Water from some smaller reservoirs is only used for agriculture



Statewide reservoir levels, as of May 1st



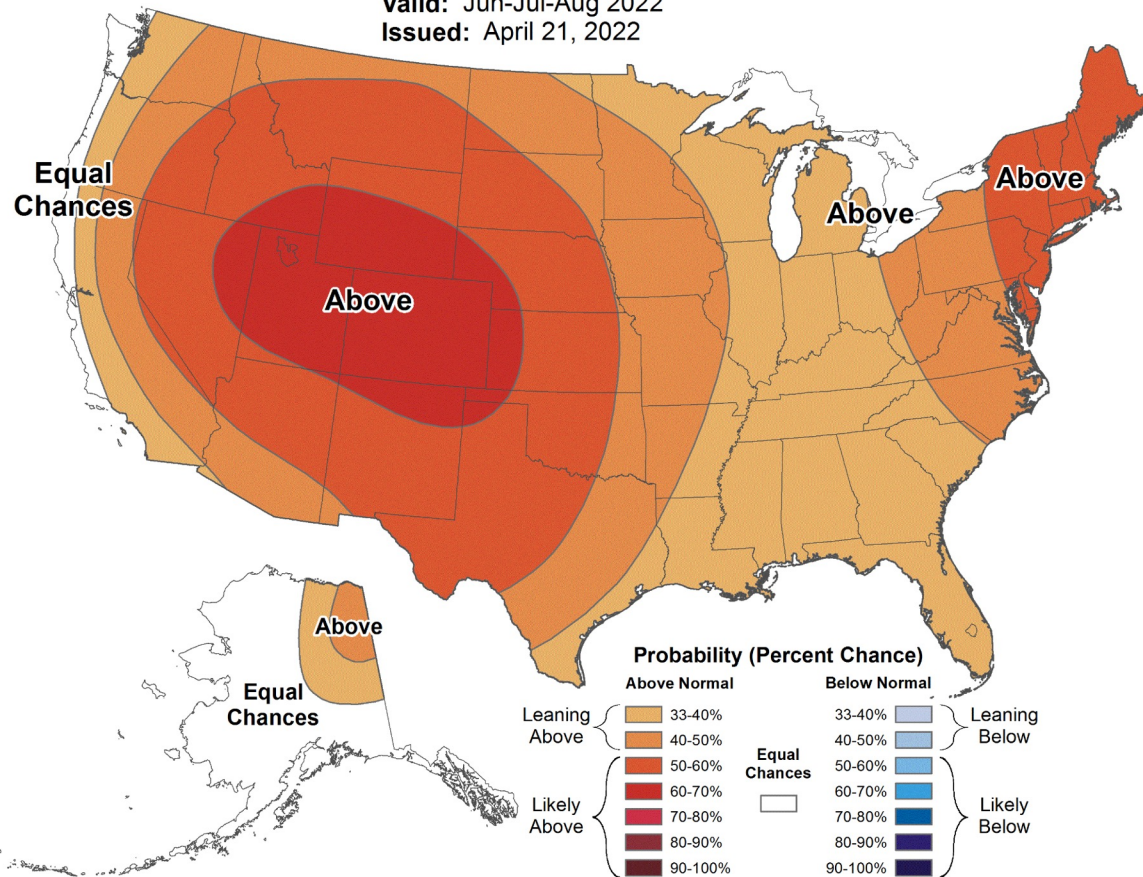
Seasonal Outlook



Seasonal Temperature Outlook



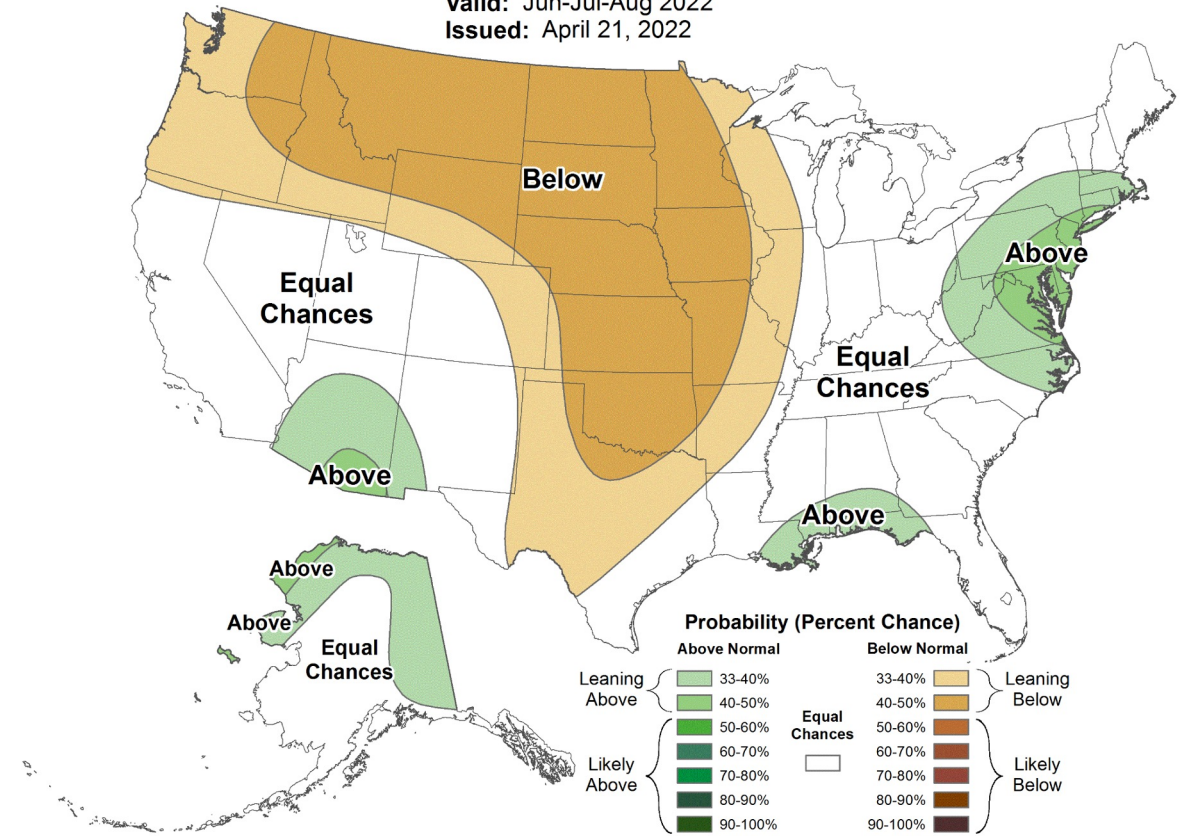
Valid: Jun-Jul-Aug 2022
Issued: April 21, 2022



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2022
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Great Salt Lake

- Hit a record low July 2021 and bottomed out in mid-October before fall storms moved in and seasonal irrigation ended
- Usually rises about 2 feet with spring runoff. In 2021, it only increased less than a foot. 2022 has seen a similar rise
- Likely reach a new historic low by this fall
- Receding levels impact air quality, snowpack, economy, wildlife, and overall quality of life
- If the lake drops 2 feet this year, an additional 57 square miles of lakebed will be exposed



Wildfire Season

- Wildfires are currently burning in neighboring states
- So far Utah has seen 131 wildfires; 110 human-caused
- Last year, we asked people to use good Fire Sense
- Human-caused starts decreased 50% – over 500 wildfires that didn't happen compared to 2020
- Asking for continued vigilance to protect the state from burning



Conservation Measures

Utah
Water
Savers



Statewide
Rebate Programs

Apply for cash rebates today!
Save water. Get money.

UtahWaterSavers.com

AVAILABLE FOR:
**ALL
OF
UTAH!**



AVAILABLE FOR:
**AREAS
OF
NORTHERN
UTAH**



Slow the Flow

- Continue the Slow the Flow campaign (digital, traditional media, billboards, yard signs)
- Striving for long-term changes that build drought resilience and stretch the water supply
- Little changes make a big difference
- Trying to avoid message fatigue 'we're always in drought'



Secondary Meters

- \$208 million has been applied for
 - *Has to go through Board approval process*
- 72 applications, which equals about 145,548 meters
- Metering provides more accurate data for better water planning
- Average water reduction of 20-30%
- 30% of the state's M&I water use is estimated secondary water



THANK YOU

